

What is claimed is:

1. A sensor device comprising:

a plurality of strong directive sensors each having a predetermined directivity;

wherein the plurality of sensors are located such that detection areas thereof cross each other.

2. A sensor device according to claim 1, further comprising:

a position determining circuit for determining that the detection object reaches a predetermined position based on a detection signal indicating that the detection object is detected, which is received from each of the sensors.

3. A sensor device according to claim 2, further comprising:

a weak directive sensor having a directivity weaker than the plurality of strong directive sensors;

wherein the position determining circuit receives the detection signal indicating that the detection object is detected from each of the strong directive sensors after receiving the detection signal indicating that the detection object is detected from the weak directive sensor, to thereby determining that the detection object reaches the predetermined position.

4. A sensor device according to claim 1, further comprising:

a moving direction determining circuit for determining a moving direction of the detection object based on an order in which the respective strong directive sensors detect the detection object.

5. A sensor device according to claim 4, further comprising:  
a weak directive sensor having a directivity weaker than the plurality of strong directive sensors;

wherein the moving direction determining circuit determines the moving direction of the detection object based on the order in which the respective strong directive sensors detect the detection object after the detection signal indicating that the detection object is detected is received from the weak directive sensor.

6. A sensor device according to claim 2, wherein each of the sensors is a pyroelectric infrared sensor that detects an infrared ray emitted from a person.

7. A sensor device according to claim 4, wherein each of the sensors is a pyroelectric infrared sensor that detects an infrared ray emitted from a person.

8. An electronic watch having a display for displaying a time and a drive circuit for driving the display comprising:

the sensor device as described in claim 6,

wherein the drive circuit drives the display when the position determining circuit of the sensor device determines that a user is in a predetermined position or when the moving direction determining circuit determines that the moving direction of the user is a predetermined direction.

9. An electronic watch having a display for displaying a time and a drive circuit for driving the display, characterized by

comprising the sensor device as described in claim 7,

wherein the drive circuit drives the display circuit when the position determining circuit of the sensor device determines that a user is in a predetermined position or when the moving direction determining circuit determines that the moving direction of the user is a predetermined direction.